

TECHNICAL DATA SP523 Rev A/12-16

Miller[®] TurboLite[™] T-BAK[™] MAX Smooth Edge Personal Fall Limiter

Description

The TurboLite Edge T-BAK MAX is a Personal Fall Limiter designed for tie-back use in smooth edge applications with radius ≥ 0.060 in (1.5 mm). Equipped with an easy to install shock-absorbing connector system and abrasion-resistant VectranTM webbing lifeline, the product meets ANSI Z359.14 Class B requirements. Both single and twin configurations are available in 7.5 ft. and 10.5 ft. lengths each equipped with the Miller $5K^{\otimes}$ locking snap hook.

Materials

Shock Absorber Cover: Ballistic nylon
Harness Connector: Anodyzed aluminum
Housing: High impact nylon
Nylon and aluminum
Braking Mechanism: Stainless steel
Lifeline: Vectran™ webbing

Technical

Edge Radius: \geq 0.060 in. (1.5 mm) Max. Working Load: \leq 20 lbs. (190.5 kg)

Working Length: 7.5 ft. (2.3 m), 10.5 ft. (3.2 m)

Max. Arrest Distance: 42 in. (1.1 m) (When tested to ANSI Z359.14 for overhead use. Minimum clearance required for

over-edge applications:

14-20 ft. (4.3-6.1 m) for 310 lb. user; 16-22 ft. (4.9-6.7 m) for 420 lb. user.

Avg. Arresting Force: 900 lbs. (4kN) (when tested to

ANSI Z359.14)

Max. Peak

Arresting Force: 1,800 lbs. (8kN) (when tested to

ANSI Z359.14)

Minimum

Ultimate Strength: 3,000 lbs. (13.34 kN)

Certifications

Meets OSHA 1926.502, ANSI A10.32, and ANSI Z359.14, Class B requirements



MFLET-1/7.5FT

Miller[®] TurboLite[™] T-BAK MAX Smooth Edge Personal Fall Limiter

		Model Number		Weight (lbs.)	
Configuration	Lifeline Connector	7.5 ft.	10.5 ft.	7.5 ft.	10.5 ft.
Single	5K® Steel Locking Tie-Back Hook	MFLET-1/7.5FT	MFLET-1/10.5FT	3.5 (1.6 kg)	3.6 (1.6 kg)
Twin	5K® Steel Locking Tie-Back Hooks	MFLET2-1/7.5FT	MFLET2-1/10.5FT	6.0 (2.7 kg)	6.1 (2.8 kg)



Miller 5K® Snap Hook 0.87 in (22 mm) Gate Opening

Limitless Possibilities. Ask the Expert. Technical Service: 800.873.5242

Honeywell Industrial Safety 900 Douglas Pike Smithfield, RI 02917

www.millerfallprotection.com

USA

Phone: 800.430.5490 Fax: 800.322.1330 anada

Phone: 888.212.7233 Fax: 888.667.8477 This equipment should only be used after reading and understanding the manufacturer's instructions. Failure to follow instructions could result in serious injury or fatality.